JAVA.IO.WRITER CLASS

Introduction

The **java.util.Writer** class is a abstract class for writing to character streams.

Class declaration

Following is the declaration for **java.util.Writer** class:

```
public abstract class Writer
   extends Object
      implements Appendable, Closeable, Flushable
```

Field

Following are the fields for **java.util.Writer** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	**protected Writer()** This creates a new character-stream writer whose critical sections will synchronize on the writer itself.
2	**protected Writer(Object lock)** This creates a new character-stream writer whose critical sections will synchronize on the given object.

Class methods

S.N.	Method & Description
1	Writer append(char c) This method appends the specified character to this writer.
2	Writer append(CharSequence csq) This method appends the specified character sequence to this writer.
3	Writer append(CharSequence csq, int start, int end) This method appends a subsequence of the specified character sequence to this writer.
4	abstract void close() This method loses the stream, flushing it first.
5	abstract void flush() This method flushes the stream.

6	void write(char[] cbuf) This method writes an array of characters.
7	abstract void write(char[] cbuf, int off, int len) This method writes a portion of an array of characters.
8	void write(int c) This method writes a single character.
9	void write(String str) This method writes a string.
10	void write(String str, int off, int len) This method writes a portion of a string.

Methods inherited

This class inherits methods from the following classes:

- java.util.Object